

S/N 09/785,546

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Sonya Franklin
Serial No.: 09/785,546
Filed: February 16, 2001
Title: ARTIFICIAL ENDONUCLEASE



Examiner:
Group Art Unit: 1653
Docket: 875.037US1

PATENT

M. L.

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the "Notice to File Missing Parts of Nonprovisional Application" mailed July 5, 2001, please amend the above-identified patent application as follows.

This Preliminary Amendment is accompanied by a Petition, as well as the appropriate fee, to obtain a 1-month extension of the period for responding to the Notice to File Missing Parts of Nonprovisional Application, thereby moving the deadline for response from September 05, 2001 to October 05, 2001.

In the Specification

Please enter the enclosed SEQUENCE LISTING into the specification.

Please substitute the paragraph in the appendix entitled "Clean Version of the Paragraph beginning at Line 29 of Page 8" for the paragraph beginning at line 29 of page 8 of the specification. Specific amendments to this paragraph are detailed in the following marked-up paragraph:

Figure 2. Sequences of peptide P2 (control; SEQ ID NO:1) P3, P3W, P4, P4a and P5 (synthetic; SEQ ID NO:2, SEQ ID NO:7, SEQ ID NO:[3]4, SEQ ID NO:[4]3 and SEQ ID NO:5, respectively), and loop modified Engrailed (SEQ ID NO:6). Parent protein sequence is indicated by double or single underlining (homeodomain and EF-hand). Expected sites of Ca(II) binding are indicated by an x in panel A, expected sites of Eu(III) binding are indicated by an x in panel B, sites of phosphate backbone contact with an o in panel A, DNA base contacts with a * for representative P3 (based on the known crystal structures of the parent motifs) in panel A, and the 12 residues of the Ca-binding loop are shaded in panel B.